

## CODE



## INTERPRETATION

# MECKLENBURG COUNTY

## Building Code Enforcement

**CODE:** 2012 NC RESIDENTIAL CODE

**SUBJECT:** JOISTS BLOCKING

**REVIEWED:** RESIDENTIAL CONSISTENCY TEAM

### Question:

What are the Code requirements for lapping and blocking of floor joists ends?

### Code reference:

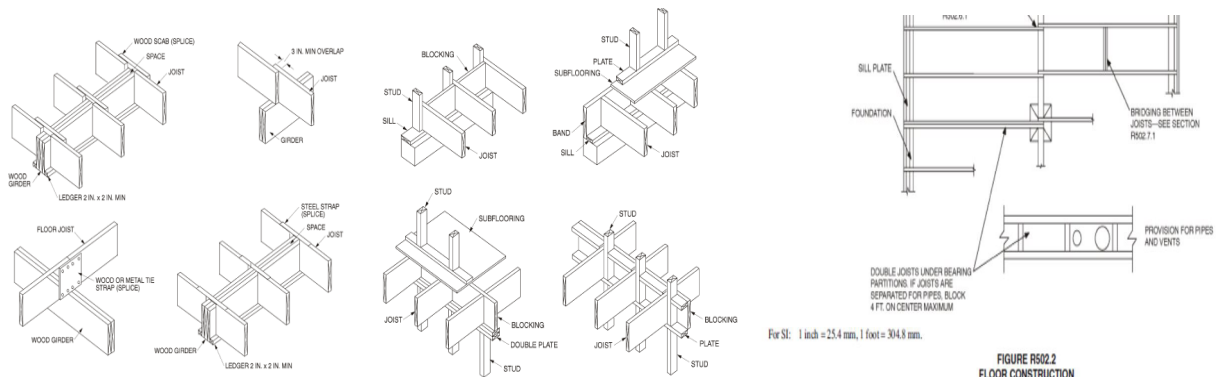
Sections R502.6.1 and R502.7, R502.7, R502.7.1 and Fig. R502.2

### Answer:

Floor joists framed over a bearing support shall be “tied together” using a 3” overlap, wood or metal splices, or continuous floor sheathing.

In addition, floor joist ends shall be “prevented from rotating” by the use of lateral supports at each end. Joists are to frame into a header, band or rim joists, an adjoining stud, or be laterally supported by full-depth solid blocking installed between the ends of the joists.

Intermediate, mid-span blocking or bridging is not required until the joists size exceeds 2x12. Solid blocking is required between joists per R502.4 and Fig. R502.2 when there is a load from above (such as a bearing wall) and load is brought down to a lower girder or interior bearing walls. Blocking is needed to transfer load from above around floor joist at these interior bearing locations.



Approved By Jeff Vernon Date 1/28/16